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FACSIMILE COVER SHEET

DATE: February 21, 2006

TO: Examiner Tiffany Fetzner

COMPANY OR FIRM: PTO

FACSIMILE NO.: (571) 273-8300

FROM: Beth Pearson-Naul for Paul S. Madan

RE: Serial No.: 10/806,009
Docket No.: 414-35351-US
Title: "Use of Pattern Recognition in a Measurement of Formation Transit Time for Seismic Checkshots"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 12

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I hereby certify that this correspondence (Response to Final Office Action Dated December 20, 2005, is being transmitted by facsimile to the attention of the Official Patent Application Related Correspondence, facsimile no.(571) 273-8300 on this 21st day of February, 2006.



Beth Pearson-Naul

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Graham A. Gaston et al.	§	Group Art Unit: 3663
SERIAL NO.: 10/806,009	§	Examiner: Scott A. Hughes
FILED: March 22, 2004	§	Atty. Docket: 414-35351-US
TITLE:"Use of Pattern Recognition in a Measurement of Formation Transit Time for Seismic Checkshots"	§	Confirmation No.: 1214
	§	

MS: AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION DATED DECEMBER 20, 2005

This is in response to the Final Office Action, dated December 20, 2005 for the above-identified patent application.

Amendments to the Claims begin at page 2. No new matter has been added.

Remarks begin at page 6.